

IN THE CLAIMS:

Kindly amend the claims as follows:

1. (Currently Amended) An injection mould ~~(1)~~ for producing three-dimensional components, ~~characterised by~~ comprising:

a system ~~(2)~~ for mould tempering having at least one groove ~~(12)~~ which is arbitrarily extended between two points in ~~the~~ an available volume of the mould for conducting a tempering medium which is intended for tempering of modules ~~(4, 8)~~ included in the mould ~~(1)~~,

each groove ~~(12)~~ being covered along essentially its entire extent by a cover ~~(15)~~.

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2. (Currently Amended) An injection mould ~~(1)~~ as claimed in claim 1, in which the groove ~~(12)~~ along its extent is of a varying width and depth.

3. (Currently Amended) An injection mould ~~(1)~~ as claimed in claim 1, in which a seal ~~(16)~~ is arranged between two modules ~~(4, 8)~~ which between them define said groove ~~(12)~~.

4. (Currently Amended) An injection mould ~~(1)~~ as claimed claim 1, in which a first module ~~(8)~~ forms a cover ~~(15)~~ for a second module ~~(4)~~.

5. (Currently Amended) An injection mould ~~(1)~~ as claimed in an claim 1, in which at least one module ~~(4, 8)~~ constitutes a mould half ~~(3a, 3b)~~ with a cavity ~~(5)~~ formed therein.

6. (Currently Amended) An injection mould (1) as claimed in claim 1, in which the groove (12) is arranged in connection with a hot-runner system arranged in the injection mould (1).

7. (Currently Amended) An injection mould (1) as claimed claim 1, in which the system (2) for mould tempering is directly or indirectly connected to a circulation system included in an injection moulding assembly.

8. (Currently Amended) A system (2) for mould tempering of injection moulds (1) for producing three-dimensional components, ~~characterised by~~ comprising

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at least one (12) groove which is arbitrarily extended between two points in the an available volume of the mould for conducting a tempering medium which is intended for tempering of modules (4, 8) included in the mould (1),

each groove (12) being covered along essentially its entire length by a cover (15).

9. (Currently Amended) An injection moulding assembly comprising an injection mould (1) as claimed in claim 1.

10. (Currently Amended) An injection mould (1) as claimed in claim 2, in which a seal (16) is arranged between two modules (4, 8) which between them define said groove (12).

11. (Currently Amended) An injection mould ~~(1)~~ as claimed claim 2, in which a first module ~~(8)~~ forms a cover ~~(15)~~ for a second module ~~(4)~~.

12. (Currently Amended) An injection mould ~~(1)~~ as claimed claim 3, in which a first module ~~(8)~~ forms a cover ~~(15)~~ for a second module ~~(4)~~.

13. (Currently Amended) An injection mould ~~(1)~~ as claimed in an claim 2, in which at least one module ~~(4, 8)~~ constitutes a mould half ~~(3a, 3b)~~ with a cavity ~~(5)~~ formed therein.

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14. (Currently Amended) An injection mould ~~(1)~~ as claimed in an claim 3, in which at least one module ~~(4, 8)~~ constitutes a mould half ~~(3a, 3b)~~ with a cavity ~~(5)~~ formed therein.

15. (Currently Amended) An injection mould ~~(1)~~ as claimed in claim 2, in which the groove ~~(12)~~ is arranged in connection with a hot-runner system arranged in the injection mould ~~(1)~~.

16. (Currently Amended) An injection mould ~~(1)~~ as claimed in claim 3, in which the groove ~~(12)~~ is arranged in connection with a hot-runner system arranged in the injection mould ~~(1)~~.

17. (Currently Amended) An injection mould (~~1~~) as claimed claim 2, in which the system (~~2~~) for mould tempering is directly or indirectly connected to a circulation system included in an injection moulding assembly.

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18. (Currently Amended) An injection mould (~~1~~) as claimed claim 3, in which the system (~~2~~) for mould tempering is directly or indirectly connected to a circulation system included in an injection moulding assembly.

19. (Currently Amended) An injection moulding assembly comprising an injection mould (~~1~~) as claimed in claim 2.

20. (Currently Amended) An injection moulding assembly comprising an injection mould (~~1~~) as claimed in claim 3.
